

## ABSTRACT

A method for downlink power control in wireless communication systems is provided. In response to a transmitter power change request from a mobile terminal (110) over a wireless connection, a power control parameter is determined at network level based on connection-specific information indicating the degree of priority of the connection ( $DPI_i$ ). The power control parameter preferably relates to a maximum connection-specific transmitter power, a power step size and/or a quality target, and is used by the base station to distribute transmitter power ( $p_i$ ) to the connection.

(Fig. 2)